**FIG. 1**

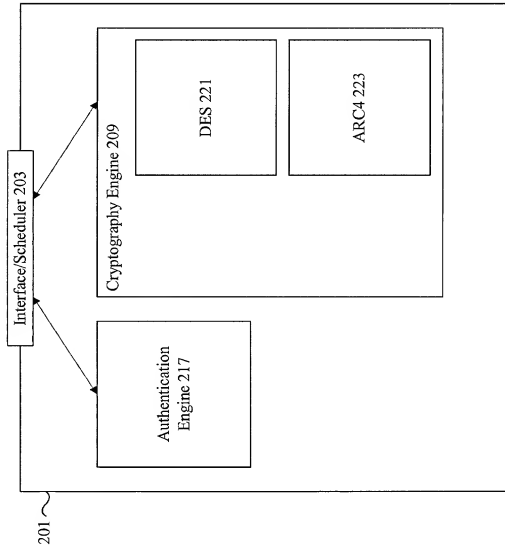


FIG. 2

Fig. 3

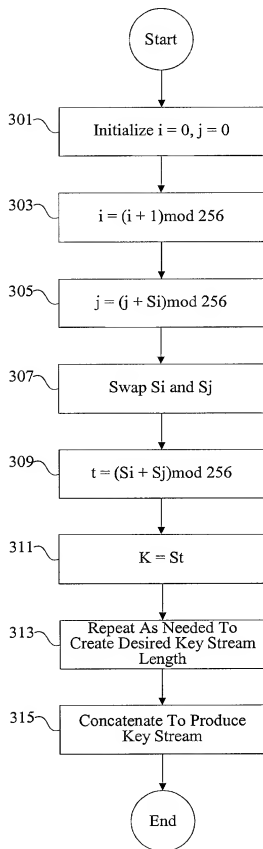


Fig. 4

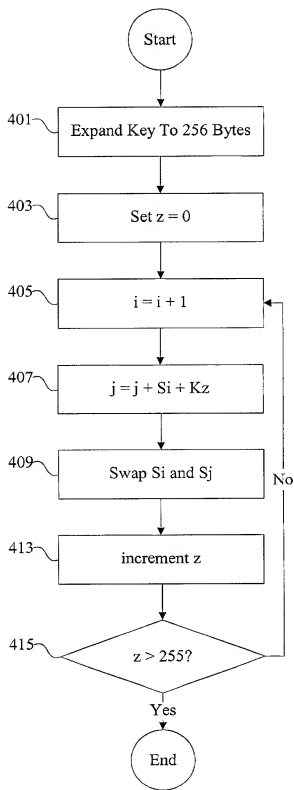
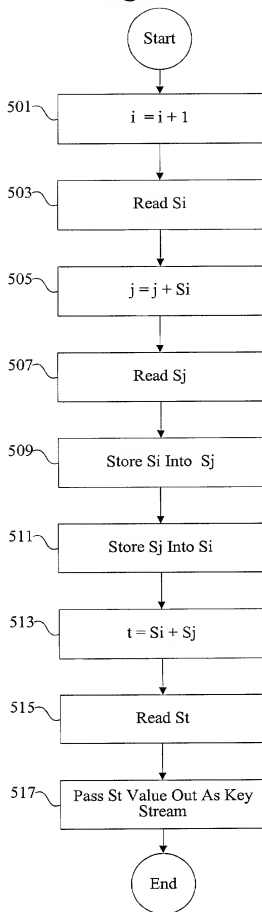


Fig. 5



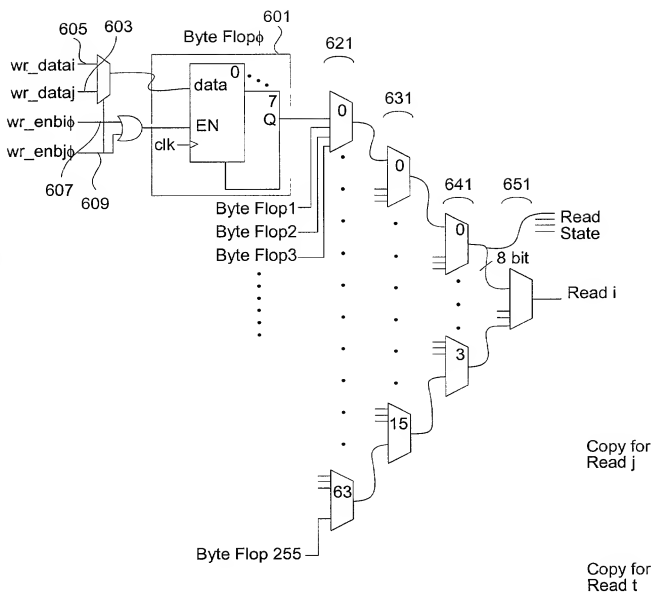
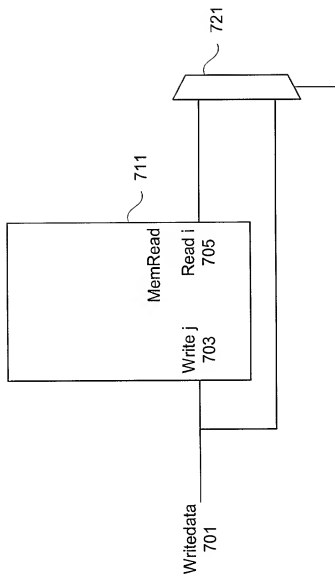


FIG. 6



```

If Read i addr = Write j addr;
then
    Read i = Writedata;
else
    Read i = MemRead;

```

FIG. 7